verizon

User's Guide

DROID BIONIC
BY MOTOROLA

CONGRATULATIONS

DROID BIONIC™ BY MOTOROLA

DROID BIONIC by Motorola doesn't just raise the bar—it gives the bar altitude sickness. With tons of advanced features, you'll be able to do nearly everything with your smartphone—video, web browsing, multimedia, and more.

- Surf the web with a blistering fast dual-core 1 GHz processor. 4G LTE connectivity gives you download speeds up to 10x faster than before.
- The webtop application lets you extend your DROID BIONIC with a full browser, multi-window capabilities, keyboard and mouse support—all on the big screen.
- Capture life's moments in full 1080p HD video. Use the connected Gallery to gather all your photos and your friends' online albums in one place.
- Want to learn what's new in this version of Android software? Check out www.android.com/about/jelly-bean/.

Note: Certain apps and features may not be available in all countries.

Caution: Before assembling, charging, or using your smartphone for the first time, please read the important safety, regulatory and legal information provided with your product.

SAR This product meets the applicable limit for exposure to radio waves (known as SAR) of 1.6 W/kg (FCC & IC). The limits and guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The highest SAR values measured for this device are listed in the regulatory information packaged with your product.

MORE

- **Answers:** Touch Apps > **Help Center**.
- **Updates:** Smartphone updates, PC software, user's guides, online help, and more at www.motorola.com/support.
- **Accessories:** Find more for your smartphone at www.motorola.com/bionic.

- **News:** Get the latest news, apps, tips & tricks, videos and so much more—join us on:
  - YouTube™ www.youtube.com/motorola
  - Facebook™ www.facebook.com/motorola
  - Twitter www.twitter.com/motomobile
  - Google+™ https://plus.google.com/#s/Motorola

Notes:

- All screens in this guide are simulated. Actual displays may vary.
- Instructions to perform tasks in this guide may change depending on the software version on your smartphone.
- Unless specified, instructions to perform tasks in this guide assume that you are starting from the home screen.

YOUR SMARTPHONE

the important keys & connectors

Note: Your smartphone might look a little different.

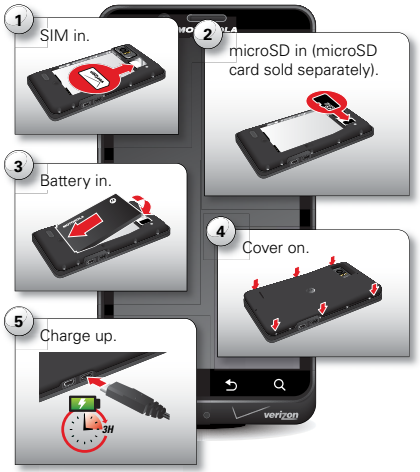
CONTENTS

LET'S GO 3
CONTROL 6
HOME SCREEN 11
APPS & UPDATES 14
CALLS 16
CONTACTS 19
MESSAGES 22
TEXT ENTRY 25
SOCIAL NETWORKING 27
TIPS & TRICKS 27
WEBTOP APPLICATION 29
DIGITAL LIVING 30
PHOTOS & VIDEOS 31
MUSIC ON GOOGLE PLAY™ 35
BOOKS ON GOOGLE PLAY™ 37
BROWSE 38
PERSONALIZE 40
LOCATE & NAVIGATE 41
CONNECT & TRANSFER 43
WORK 49
PROTECT 54
TROUBLESHOOT 56
SAFETY, REGULATORY & LEGAL 57

LET'S GO

let's get you up and running

ASSEMBLE & CHARGE



Tip: In the unlikely event that your device becomes unresponsive, remove and re-insert the battery.

Tip: To save battery life, see "**BATTERY LIFE**" on page 28.

SET UP & GO

Follow the on-screen instructions to backup or restore your contacts, set up personal and corporate email accounts, and set location preferences on your smartphone.

Note: This smartphone supports apps and services that use a lot of data, so make sure your data plan meets your needs. Contact Verizon Wireless® for details.

GOOGLE™ ACCOUNT SETUP

Your Google™ account gives you access to Google services like your Gmail™ and contacts, Google+™, Google Play™, and more.

Registration is secure and only takes a few minutes—sign into your account when you set up your smartphone, or anytime by touching Menu > **System settings** > **Accounts** > **ADD ACCOUNT** > **Google**.

For help with your Google account, visit http://accounts.google.com.

To edit or delete accounts, see "**MANAGE ACCOUNTS**" on page 47.

WELCOME HOME TO MOTOROLA

Switching from an Apple™ or Blackberry phone? Get all your important information set up on your new Motorola smartphone in a few easy steps. The Welcome Home To Motorola application transfers contacts, email addresses, calendar meetings, events, tasks, music, playlists, photos, and videos from your old phone to your new Motorola smartphone.

To move information from your old phone to your Motorola smartphone:

1 Use your computer browser to navigate to www.markspace.com/welcomehome/, and download the free Microsoft® Windows® or Apple™

Macintosh™ version of the Welcome Home To Motorola application to your computer.

2 Install and run the application on your computer.

3 Follow the application instructions on your computer to transfer information from your old phone to your Motorola smartphone.

The Welcome Home To Motorola application will prompt you to connect your old phone to the computer with a USB cable, and backup the data you want to transfer.

Next, install the Welcome Home To Motorola app on your Motorola smartphone, connect the smartphone to your computer with a USB cable, then transfer and unpack the data onto the Motorola smartphone.

WI-FI CONNECT

To use a Wi-Fi network for Internet access, touch the status bar at the top of the home screen and drag it down. Touch the **Wi-Fi networks available** notification to select a preferred network.

You can also touch Menu > **System settings** > **Wi-Fi**, then touch the **Wi-Fi** power switch to turn it ON, to scan and connect to wireless networks. There's more in "**WI-FI NETWORKS**" on page 44.

WI-FI ENHANCED CONNECTIVITY

Conserve your monthly data allowance by switching from the Verizon network to a Wi-Fi network for your Internet connections.

When you use the browser or other Internet apps, your smartphone scans for Wi-Fi networks (even when Wi-Fi is turned off) and prompts you to switch to a Wi-Fi network. If you have a usage-based data plan, you can conserve your monthly data allowance by using a Wi-Fi connection.

COOL CONTENT & MORE

Browse hundreds of thousands of the coolest apps on the planet, and download the newest music, movies, books, magazine, and games, all from Google Play™. Touch Apps > **Play Store**.

Download new apps with "**BROWSE & INSTALL APPS**" on page 14. You can install a microSD memory card in your smartphone, and load it up with photos, videos, and music from your computer (see "**MEMORY CARD & FILE MANAGEMENT**" on page 46).

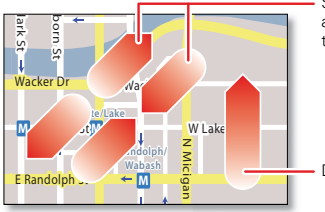
CONTROL

a few essentials

TOUCH

GESTURE

- **Touch:** Choose an icon or option.
- **Touch & Hold:** Select an item and open an action bar.
- **Drag:** Move items in the home screen, or scroll slowly through lists.
- **Flick:** Scroll quickly between views or through lists.
- **Pinch or double-touch:** Zoom in and out on websites, photos, and maps.



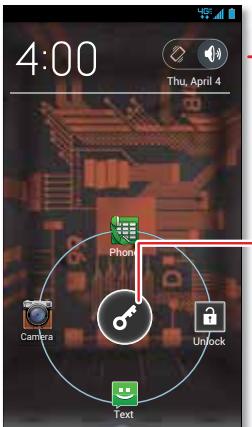
Slide two fingers apart or together to zoom in or out.

Drag or flick to scroll.

UNLOCK & LOCK TOUCHSCREEN

To unlock the screen, press the Power key, then touch and flick to **Unlock**.

To lock the screen, press the Power key, or let the screen time out (don't press anything).



Touch and flick to turn sound on/off.

Touch and flick to:

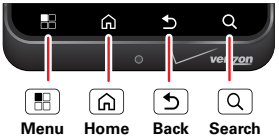
Unlock to unlock.

Phone to make a call.

Text to send a message.

Camera to use the camera.

MENU, HOME, BACK, & SEARCH



Touch Home to close a menu or app and return to the home screen. In the home screen, touch and hold Home to see a list of recent apps, then touch an app to open it.

Tip: To remove an item from the recent apps list, flick it left or right.

Touch Menu to open options for the current app or screen.

Touch Back to go back.

Touch Search for text search. Touch and hold for voice search or to perform voice actions.

TOUCHSCREEN ON/OFF

To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing the Power key. To wake up the touchscreen, just press the Power key again.

To change how long your smartphone waits before the screen goes to sleep automatically, touch Menu > **System settings** > **Display** > **Sleep**.

Tip: To make the screen lock when it goes to sleep, see "**UNLOCK & LOCK TOUCHSCREEN**" on page 6.

Note: Your touchscreen might stay dark if the sensor just above it is covered. Don't use covers or screen protectors (even clear ones) that cover this sensor.

ROTATE THE SCREEN

When you turn your smartphone, the touchscreen can rotate to stay right-side up:

Find it: Menu > **System settings** > **Display** > **Auto-rotate screen**

PRESS

POWER KEY MENU

Press and hold the Power key to turn off your smartphone (**Power off**), turn off all wireless connections and put the smartphone into low-power **Sleep** mode, turn **Airplane mode** on and off, or change the sound setting.

VOLUME KEYS

Press the volume keys to change ring volume (in the home screen) or earpiece volume (during a call).

When playing music or videos, press the volume keys to adjust media volume.

Tip: When your smartphone rings, press a volume key to quickly silence your ringtone.

SPEAK

VOICE ACTIONS

You can do a lot of things just by talking to your smartphone—call or text your friends, get directions, set an alarm, and more.

1 Touch and hold Search to start Google Now™. Then touch .

Tip: You can also touch in the Google™ Search widget in the home screen.

2 Say what you want to do.

If your smartphone doesn't understand what you said, it presents a list of search terms and actions you can touch to choose.

Some actions, like "send email" and "note to self," open a panel that prompts you to complete the action by speaking or typing more information.

Say	Followed by
"Call"	Contact name & optionally, "home", "mobile", or "work." **Example:** "Call Mike LeBeau at home."
"Call"	Digits of a phone number. **Example:** "Call 650 555 1234."
"Call"	Business name. **Example:** "Call Ruth's Floral Shop."
"Map of"	Address, name, business name, type of business, or other location. **Example:** "Map of Golden Gate Park, San Francisco."
"Directions to" or **"Navigate to"**	Address, name, business name, type of business, or other destination. **Example:** "Directions to 1299 Colusa Avenue, Berkeley, California," or "Navigate to Union Square, San Francisco."

Say	Followed by
"Go to"	Search string or URL. **Example:** "Go to Google.com."
"Send text" or **"Send SMS"**	"To" & contact names, "Message" & message text (speak punctuation). **Example:** "Send text to Hugh Briss, subject, new shoes, message, I can't wait to show you my new shoes, period."
"Send email"	One or more of: "To" & contact names, "Cc" & contact names, "Bcc" & contact names, "Subject" & subject text, "Message" & message text (speak punctuation). **Example:** "Send email to Hugh Briss, subject, new shoes, message, I can't wait to show you my new shoes, period."
"Note to self"	Message text. **Example:** "Note to self: remember the milk."

Say	Followed by
"Set alarm"	"Time" or "for" & time (such as "10:45 a.m." or "20 minutes from now"), "Label" & name of alarm. **Example:** "Set alarm for 7:45 p.m., label, switch the laundry."
"Listen to"	Words to search YouTube™ for (such as the name of a song, artist, or album). **Example:** "Listen to: Black Hole Sun."
words you want to search for **Example:** "Recent movies."	
contact name **Example:** "Mike LeBeau" (opens Mike's contact card).	

For more information, touch and hold Search, then touch **Help** > **Help Center**.

VOICE TEXT ENTRY

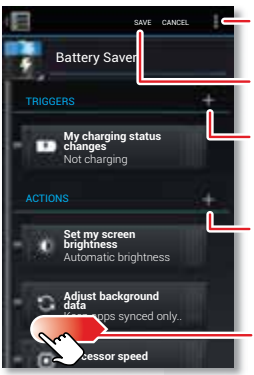
Touch a text entry field to open the touchscreen keypad. Touch , then say what you want to type. You can speak for as long as you like, pause whenever you want, and dictate punctuation to create correct sentences.

SMARTACTIONS™

Your phone can automatically reply to texts when you're driving, silence your ringer during meetings, and conserve your battery when it runs low. SMARTACTIONS suggests actions to automate, based on how you use your phone. When you see a suggestion in the status bar, flick the bar down to accept or delete it.

To get started, touch Apps > **Smart Action**.

- To create an action, touch **Add a new SmartAction**.
- For help in **Smart Actions**, touch Menu > **Help**.



Change the icon or name.

Save your changes.

Add **Triggers** (like events, times, or places) that start the action.

Add an **Action** (like silencing the ringer) to make it happen when the trigger does.

Turn off triggers by dragging them to the right.

QUICK TIPS

If you're not sure what to do next, try one of these:

To...	
Open a text message, see contact details, or open items in a list.	Touch the message, contact, or item.
See options for the current screen.	Touch Menu.
Select an item and open an action bar (if available).	Touch & hold the item.
Go back to the home screen.	Touch Home.
Wake up your smartphone.	Press the Power key.
Reboot an unresponsive smartphone.	Remove and re-insert the battery.
Quickly open smartphone settings.	Drag down the status bar and touch.

HOME SCREEN

quick access to the things you need most

QUICK START: HOME SCREEN

The *home screen* gives you all your latest information in one place. It's what you see when you turn on your smartphone or touch Home.

Note: Your home screen might look a little different.

USE & CHANGE YOUR HOME SCREEN

On your home screen, *shortcuts* are icons that open your favorite apps, web bookmarks, contacts, mail labels, playlists, and more. *Widgets* are live apps or tools that provide news, weather, messages, and other updates.

To see other panels of shortcuts and widgets, flick the home screen left or right.

- To **open** something, touch it. Touch Home or Back to return to the home screen.

  Tip: When you open a widget, touch Menu to see any options or settings. You can choose accounts for some widgets, like **Calendar**, **Email**, **Facebook**, and **Gmail**.

- To **resize** widgets, touch and hold a side until you feel a vibration, then drag the blue diamonds.

- To **add shortcuts** to the home screen, touch Apps, touch and hold an app, then drag it to a spot on a home screen panel.

- Create **shortcut groups:** You can group app shortcuts together on your home screen to organize them.

  To create a shortcut group on your home screen, drag one shortcut onto another. Add more shortcuts by dragging them onto the first shortcut. To name the group, touch it and enter a name below the apps.

- To **add widgets**, touch Apps, touch **WIDGETS** at the top, then touch and hold a widget.

- To **move** widgets or shortcuts, touch and hold them, then drag to a new location.
- To **remove** shortcuts or widgets from the home screen, touch and hold them, then drag to **Remove** at the top.
- To **change wallpaper**, touch and hold a blank spot on the home screen.

Shortcuts in the *favorites tray* at the bottom of the home screen appear in all home screen views. You can touch and hold shortcuts or folders to drag them in or out of the favorites tray.

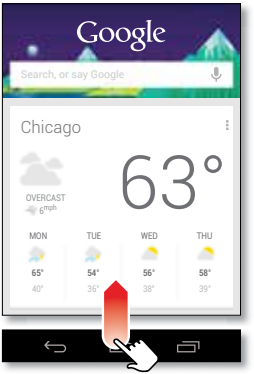
SEARCH

At the top of the home screen, touch the Google search widget for a text search, or for voice search.

As you type, suggestions appear below the search field:

- To search for a suggestion, touch it.
- To search for text in the search field, touch on the keypad.

GOOGLE NOW™



Google Now shows you what's around you, relevent to the moment: current traffic, weather, your appointments, and more. It all happens automatically.

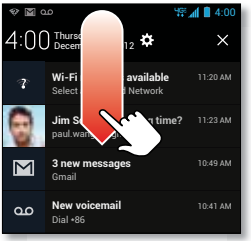
To get started, touch and hold Search or touch the Google search widget.

To turn Google Now on/off or learn more, touch the Google search widget on your home screen, then touch Menu > **Settings** > **Google Now**.

SMARTPHONE STATUS & NOTIFICATIONS

Icons at the top right of the home screen show status information, like signal strength, battery level, and time.

Icons at the top left show messages and app notifications. To see your notifications, touch the status bar and drag it down. Touch a notification to select it.



Tip: To quickly open settings, drag down the status bar and touch ⚙.

STATUS & NOTIFICATION ICONS

	network (full signal)		3G connection
	network roaming		4G connection
	no network connection		airplane mode
	Wi-Fi in range		Bluetooth™ on
	Wi-Fi connected		Bluetooth connected
	active call		missed call

	new text message		new voicemail
	new email		new Gmail™
	calendar event reminder		background data sync
	GPS active		music player active
	USB connected		microSD card
	downloading		alarm set
	vibrate		speakerphone on
	sound off		call muted
	battery (charging)		warning
	battery (full charge)		

Tip: Network and Wi-Fi connection icons turn blue when your smartphone exchanges data with your Google account.

Note: Apps you download from Google Play™ may show other icons in the status bar to alert you to specific events.

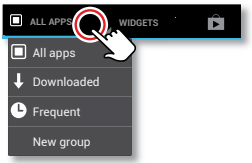
APPS & UPDATES

get the app you want

QUICK START: APPS & UPDATES

Touch Apps in any home screen panel, then flick left to see all your apps.

To close the apps screen, touch Home or Back.



BROWSE & INSTALL APPS

One of the great things about a smartphone is the apps. Whatever you're into, whatever you want to do, there's probably an app that can help you. So, go to the place that has it all, Google Play™ Store.

Find it: Apps > **Play Store**

Scroll to and touch the app you want to install. Then, touch **Install** (if app is free) or **Buy**.

New apps that you install are added to the apps screen.

Tip: Choose your apps and updates carefully, from trusted sites, like **Play Store**, as some may impact your smartphone's performance—see "**CHOOSE CAREFULLY**" on page 15.

Note: When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.

CREATE SHORTCUT FOLDERS

You can use home screen folders to logically group and store your app shortcuts in a single location.

To create a shortcut folder in the home screen, drag one shortcut onto another to put them both in a folder. To add other shortcuts, drag them onto the folder icon. To name the folder, touch it and enter a name at the bottom.

RECENT APPS

Your smartphone remembers the apps that you used most recently. From the home screen, touch and hold Home to see the most recent apps used.

Tip: To remove an item from the recent apps list, flick it left or right.

MANAGE & RESTORE APPS

From the home screen, touch Menu > **Manage apps**.

Touch an app to see its file size, access permissions, and other details, then touch **Disable**, **Force stop**, **Uninstall** (for apps you downloaded), **Clear cache**, or other options.

To reinstall apps from Google Play, touch Apps > **Play Store**, then touch Menu > **My Apps** > **ALL**.

Apps that you have previously purchased from Google Play are listed and available for download.

CHOOSE CAREFULLY

Apps are great. There's something for everyone. Play, communicate, work, or have fun. But remember, choose your apps carefully. Here are a few tips:

- To help prevent spyware, phishing, or viruses from affecting your smartphone or privacy, use apps from trusted sites, like **Play Store**.
- In **Play Store**, check an app's ratings and comments before installing.
- If you doubt the safety of an app, don't install it.
- Like all apps, downloaded apps will use up memory, data, battery, and processing power—some more than others. For example, a simple battery level widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing power it's using, uninstall it. You can always install it again later.
- Just like web browsing, you may want to monitor childrens' access to apps to help prevent exposure to inappropriate content.
- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

IMPORTANT CUSTOMER INFORMATION

Please be advised that many services and applications offered through this unique device are provided by Google and various application developers. If you use, link to, or download a Google service, or an application such as a non-Verizon Wireless location based GPS-type service, chat room, marketplace or social network from this device, you should carefully review the terms of such service or application. If you use any of these non-Verizon Wireless services or applications, personal information you submit may be read, collected, or used by the service or application provider and/or other users of those forums.

Motorola Mobility, Inc. and Verizon Wireless are not responsible for your use of those applications or information you choose to submit or share with others. Specific terms and conditions, terms of use, and privacy policies apply to those applications and services. Please review carefully any and all terms and conditions applicable to those applications and services including those related to any location-based services for any particular privacy policies, risks or waivers.

Your Verizon Wireless customer agreement terms and conditions and certain other specifically identified terms govern your use of any Verizon Wireless products and services.

UPDATE MY SMARTPHONE

You can check, download, and install smartphone software updates using your smartphone, or using your computer:

- Using your smartphone:

  You may get an automatic notification of an available update on your smartphone. Simply follow the instructions to download and install.

  To manually check for updates, touch Menu > **System settings** > **About phone** > **System updates**.

  Your smartphone downloads any updates over your mobile network. Remember, these updates can be quite large (25MB or more) and may not be available in all countries. If you don't have an unlimited data plan, or mobile network updates are not available in your country, you can update using a computer.

- Using your computer:

  On your computer, go to www.motorola.com/support and check the "Software" links. If an update is available, follow the installation instructions.

CALLS

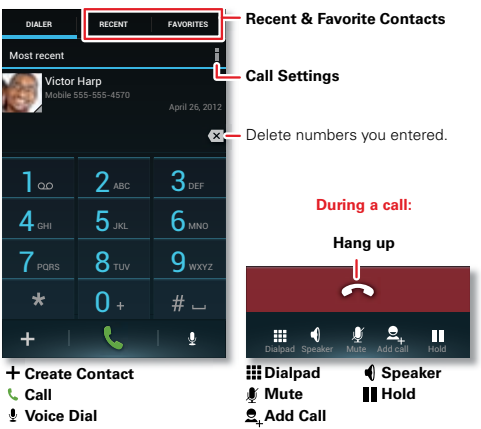
it's good to talk

QUICK START: CALLS

In the home screen, touch **Phone**.

Tip: When the smartphone is locked, touch and flick to **Phone**.

DIALER



Tip: Search for contacts right from the dialpad. For example, to find **Jeff** in your contacts list, touch **5**-**3**-**3**-**3**. Matching contacts appear above the number field.

MAKE & ANSWER CALLS

To **make** a call, touch **Phone**, enter a number, then touch .

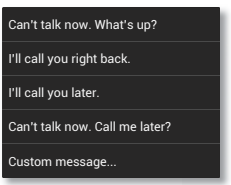
Tip: When the smartphone is locked, touch and flick to **Phone** to make a call.

Tip: When you hold your smartphone to your ear, the display goes dark to prevent accidental touches. When you move the smartphone away from your ear, the display lights up again.

To **answer** a call, touch and flick to .

To send an incoming call to your **voicemail**, touch and flick to .

To send a pre-set **text message** to the caller, touch and flick to . Select a message to immediately send it.



Tip: To silence an incoming call alert, press the Power key or the volume keys.

RECENT CALLS

Find it: **Phone** > **Recent**

- To call a number, touch next to the entry.
- To see call details, touch the entry.
- To send a text message, create a contact, view a contact, or other options, touch and hold the entry.
- To search the recent calls list, touch .
- To clear the list, touch Menu > **Clear List**.

FAVORITES

Find it: **Phone** > **Favorites**

Touch a contact to call it, or to perform other operations like text or email (if available).

3-WAY CALLS

To start a three-way call, call the first number. After the call connects, touch **Add call**. Dial the next number, or select it from contacts or favorites. When the next number answers, touch **Merge**.

YOUR PHONE NUMBER

Find it: Menu > **System settings** > **About phone** > **Status** > **My Phone number**

EMERGENCY CALLS

Note: Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your smartphone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

1 Touch **Phone** (if your smartphone is locked, touch **Emergency Call**).

2 Enter the emergency number.

3 Touch to call the emergency number.

Note: Your smartphone can use location based services (GPS and AGPS) to help emergency services find you. See "**LOCATION SERVICES**" on page 61.

COOL DOWN

In very limited circumstances, such as where your smartphone has been exposed to extreme heat, you may see "Cool Down" messages. To avoid possible damage to your battery and smartphone, you should follow these instructions until the smartphone is within its recommended temperature range. When your smartphone is in "Cool Down" mode, only emergency calls can be made.

MORE CALLING FEATURES

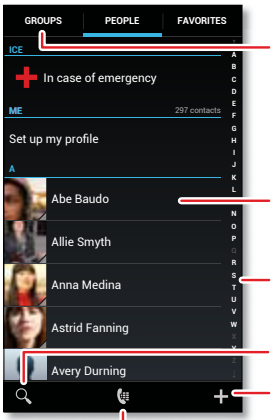
Feature	
international calls	If your phone service includes international dialing, press and hold **0** to insert your local international access code (indicated by **+**). Then enter the country code and phone number.
voicemail	To listen to your voicemail messages, touch & hold **1** in the dialer screen.

CONTACTS

be a people person

QUICK START: CONTACTS

Find it: Apps > **People**



Create & view groups of contacts.

Contacts List
Touch to view contact information, call, send a text message, & more.

Touch a letter to jump to contact names that start with that letter.

Search the list.

Add contacts.

Go to the dialpad to search for contacts.

TRANSFER CONTACTS

Get all your contacts, all in one place. Here are a few helpful hints:

- Use Backup Assistant^{SM} Plus

  Backup Assistant Plus is a free service from Verizon Wireless that saves your smartphone's contacts to a secure server. If your smartphone is lost or damaged, or if you upgrade to a new smartphone, Backup Assistant Plus will restore your contacts. From the home screen, touch Menu > **System settings**, scroll to **PERSONAL** and touch **Backup Assistant Plus** > **Backup Assistant Plus Contacts**. Then, enter your password.

  Note: Backup Assistant Plus is subject to specific terms of use. Results may vary based on backup schedule and other factors. See verizonwireless.com/baplus for more details.

- Use Gmail™

  When you set up or sign in to your Google™ account on your smartphone, all your Gmail contacts are synced automatically with your **People** app. After that, your contacts stay in sync whether you make changes on your smartphone, from another device, or from a web browser. Most contact applications for mobile phones and email accounts allow you to export your contacts as a ".csv" file. You can then use Gmail to import the file. For more details, go to

www.motorola.com/transfercontacts or log in to your Gmail account on your computer and select "Help".

- More

  There are other methods and tools to help you at www.motorola.com/transfercontacts.

LINK CONTACTS

You might have two or more contacts for the same person, maybe a Gmail contact who is also stored on your smartphone, or one friend with two email addresses. To combine these contacts:

Find it: Apps > **People**

Touch a contact to open it, touch Menu > **Edit** > Menu > **Join**, then touch the second contact.

CALL OR EMAIL CONTACTS

Find it: Apps > **People**

- To call a contact, touch the contact's name, then touch the number you want to call. To send a text message, touch next to the number.
- To email a contact, touch the contact's name, then touch the contact's email address.

VIEW & USE CONTACTS

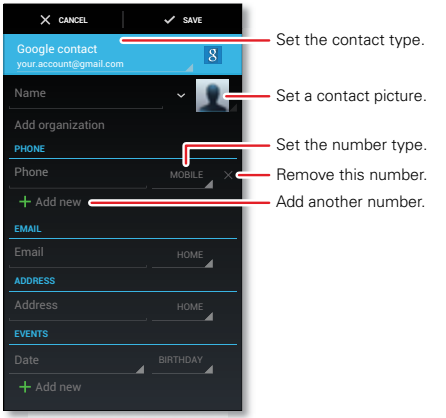
Find it: Apps > **People**

- To find a contact, touch and type the contact name.

  Touch a contact to open its details. You can start a call or message by touching the phone number, messaging button, or email address.
- To change which group of contacts is shown (like **All contacts** or contacts from your Gmail account) touch Menu > **Contacts to display**.
- To change how you view the list of contacts, touch Menu > **Settings** > **Display options**.

CREATE CONTACTS

Find it: Apps > **People** > + (at the bottom of the screen)



Touch any entry area to open the touchscreen keypad.

When you're finished, touch **Save**.

Where are contacts saved? Your smartphone saves new contacts in its memory, and on the Backup Assistant^{SM} Plus server if you set up an account. If you set up a Google account on your smartphone, the contacts are synced with the remote Google server, and can be accessed from every device you use to access your Google account.

FAVORITES

To add a contact to your favorites list, touch the contact to open it, then touch ★.

To see your favorites list:

Find it: Apps > **People** > **FAVORITES**

EDIT OR DELETE CONTACTS

Find it: Apps > **People** > *contact* > Menu > **Edit** or **Delete**

SYNCHRONIZE CONTACTS

When you change one of your contacts, your smartphone automatically updates your other accounts. When you change a contact in one of your other accounts, your smartphone updates the contact information in your **People** app.

PERSONALIZE CONTACTS

Find it: Apps > **People**

Add a photo: Touch *contact* > Menu > **Edit** > .

Set a ringtone: Touch *contact* > Menu > **Set ringtone**.

GROUPS

Find it: Apps > **People** > **GROUPS** > *group name*

You can put your contacts into groups (like "Friends" or "Family") to make it easier to find them.

To create a new group, touch Apps > **People** > **GROUPS** > +.

To add contacts to a group, select the group, and touch Menu > **Edit**.

MESSAGES

sometimes it's best to text, or IM, or email . . .

READ & REPLY TO MESSAGES

Find it: Apps > **Text Messaging**

Tip: When the smartphone is locked, touch and flick to **Text**.

- To **open** a text message and all of its replies, touch it.
- To **respond** to a text message, open it and enter your response in the text box at the bottom.
- To **delete** a message, touch and hold to select it, then drag it to at the upper right.
- To **adjust** messaging options, touch Apps > **Text Messaging** > Menu > **Messaging settings**.

CREATE MESSAGES

Find it: Apps > **Text Messaging** > +

Enter the recipient and message. Touch Menu to **Insert smiley**, **Set priority**, or **Add subject**.

To add an attachment, touch in the upper right corner.

SEND & RECEIVE MESSAGE ATTACHMENTS

To send a file in a message, open a new message and touch in the upper right corner.

When you receive a message with an attachment, open the message and touch the file name to download it. Touch the name again to open it. Some file types can be converted to HTML for faster viewing, and your smartphone will show **Get HTML version**.

While viewing the attachment, touch it to save it, share it, and more.

Tip: To send and receive large attachments faster, use a Wi-Fi connection (see "**WI-FI NETWORKS**" on page 44).

GMAIL

Tip: To set up a Gmail account on your smartphone, touch Menu > **System settings** > **ACCOUNTS** > **Add Account** > **Google**.

To read and reply to messages on your Gmail account, touch Apps > **Gmail**.

Tip: For more information, touch Apps > **Gmail** > Menu > **Help**.

EMAIL

You can set up multiple email accounts on your smartphone.

Touch Menu > **System settings** > **ACCOUNTS** > **Add Account**, then:

- Select **Corporate** for Microsoft® Exchange server work email accounts. Enter details from your IT administrator.

  Tip: You might need to enter your domain name and user name (like *domain/username*).

- Select **Email** for your personal email accounts. For account details, contact the account provider.

To read and reply to messages on your email accounts, touch Apps > **Email**.

QUICK RESPONSES

You can create and save frequently-used text phrases and email replies, and quickly insert them in email messages you write.

To **create** a quick response, touch Apps > **Email** > > *email account name* > **Quick responses** > **Create new**. Enter your quick response text, and touch **Save** to save it.

To **insert** a quick response in an email message you're composing, touch Menu > **Insert quick response** > *quick response text*.

Note: You can insert only the quick responses you create for a specific email account. If you have multiple email accounts, you'll need to create quick responses for each account.

INSTANT MESSAGES

To send and receive instant messages, you can use Google Talk™.

Find it: Apps > **Talk**

Tip: You can also download an instant messaging app from Google Play™.

VOICEMAIL

When you have a new voicemail, appears in the status bar. Drag down the status bar and touch the **New voicemail** notification to listen to your voicemail message.

If you need to change your voicemail number, in the home screen touch **Phone** > Menu > **Settings** > **Voicemail settings**.

WIRELESS EMERGENCY ALERTS

Wireless Emergency Alerts, also known as CMAS or PLAN, is a U.S. national emergency alert system. Emergency alerts can pop up to tell you about a national or local crisis. After you close an alert, you can reopen it by touching Apps > **Emergency Alerts**.

Tip: Emergency alerts have a special sound and vibration that is two seconds long, followed by one second, then another one second.

To choose which types of alerts you receive, touch Apps > **Emergency Alerts** > . The U.S. and local governments send these alerts through your service provider. You will always receive alerts for the area where you are, and you won't receive alerts if you're outside of the U.S.

For more, visit www.ctia.org/consumer_info/safety/.

TEXT ENTRY

keys when you need them

TOUCHSCREEN KEYPAD

You can open a keypad on your screen by touching a text box.

Text Box
Touch to open touchscreen keypad.

Shift

Voice Input/ Dictation

Delete

Return/ New Line

Open a keypad for numbers & symbols.

Space

Tip: To close the keypad without saving any text (for example, to select a different text box), touch Back.

INPUT METHODS

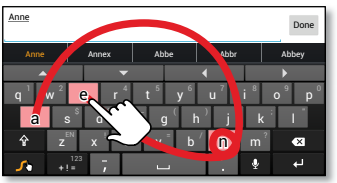
To select a text input method, touch Menu > **System settings** > **Language & input** > **Default** > **Motorola Input** or **Swype**.

ANDROID KEYBOARD

Enter text a letter at a time. As you type, your smartphone suggests words from your dictionary and chosen language. The smartphone also automatically enters apostrophes in some words, like "dont."

SWYPE™

Enter words with one continuous motion. Just drag your finger over the letters in the word.



To enter a word, just trace a path through the letters. To capitalize, go above the keypad. For double letters, circle the letter.

Tips:

- To enter apostrophes in common words (like "I'll"), drag through the **n** as though it was an apostrophe.
- To enter other punctuation, numbers, or symbols, touch Symbols.
- To correct a word, *double-touch* it (tap twice, quickly). Swype shows a small menu of other word options. Swype might also show a menu if it can't guess your word.

- If Swype doesn't know a word, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

TYPING TIPS

To...	
Enter **one capital** letter	Touch Shift ⇧.
Enter **only capital** letters	Touch and hold Shift ⇧. Touch again to revert to lowercase.
Move the text entry cursor	Touch the text where you want the cursor to go.
Select text	Touch and hold or double-touch text to select it. Tabs mark the boundaries of the selected text. Drag the tabs to select the text you want.
Cut or **Copy** selected text	Touch icons at the top of the screen to **Cut** or **Copy** selected text. In a landscape display, touch **Edit** > **Cut** or **Copy**.
Paste cut or copied text at cursor location	Touch the **Paste** icon at the top of the screen. In a landscape display, touch **Edit** > **Paste**.
Delete character to left of cursor	Touch Delete ⌫ (hold to delete more).

TEXT INPUT SETTINGS

Find it: Menu > **System settings** > **Language & input**

- To change the language for your smartphone and touchscreen keypad, touch **Locale**.
- To change the default text input method, touch **Default** under **KEYBOARD & INPUT METHODS**.
- To change text input settings, touch ⚙ next to **Android keyboard** or **Swype**.

SOCIAL NETWORKING

my life, your life

BROWSER ACCESS TO SOCIAL SITES

You can use the **Browser** to track your social networking accounts on sites like Facebook®, Twitter, and LinkedIn. If you don't have accounts on these sites, visit their websites to set them up.

SOCIAL NETWORKING APPS

Many social networks offer dedicated apps that you can install on your smartphone. You can also download social networking apps from the Google Play™ Store by touching Apps > **Play Store**.

SYNC ACCOUNTS WITH YOUR SMARTPHONE

When you log in to a social networking account on your smartphone, you may be prompted to sync account contacts, pictures, and status with your **People** app. You can accept or decline to sync. You can change your sync settings at any time by touching Menu > **Settings** in the social networking app.

TIPS & TRICKS

a few handy hints

GENERAL TIPS

- Screen brightness changes as your smartphone senses the current lighting conditions.
- To see recently dialed numbers, touch **Phone** > **RECENT**.
- To sleep/wake your smartphone, press the Power key.
- To set screen timeout, touch Menu > **System settings** > **Display** > **Sleep**.
- To search, touch Search. To voice search, touch and hold Search.
- To automate everyday tasks, touch Apps > **Smart Actions**.
- To see the most recent apps you've used, touch and hold Home.
- To change a shortcut in the favorites tray at the bottom of the home screen, touch and hold a shortcut, then drag it in or out of the favorites tray.
- To turn sound on/off, press and hold the Power key, then touch a sound setting.
- To turn airplane mode on/off, press and hold the Power key, then touch **Airplane mode**.

BATTERY LIFE

Your smartphone is like a small computer, giving you a lot of information and apps, at blazing fast speeds, with a touch display. Depending on what you use, that can take a lot of power.

To start getting the most out of your battery, touch Menu > **System settings** > **Battery**. This shows you what's using the most battery power.

To save even more battery life between charges, try these:

- To help minimize battery use, touch Apps > **Smart Actions**. Check out the sample rules that enable battery savings: **Battery Saver**, and **Low Battery Saver**.
- To turn off background data transfers, touch Menu > **System settings** > **Data usage** > Menu > **Restrict background data**.
- Turn off Wi-Fi and Bluetooth® power when not in use: Touch Menu > **System settings**, then touch the switch next to **Wi-Fi** or **Bluetooth** to turn them OFF.
- Reduce recording or watching videos, listening to music, or taking pictures.
- Remove widgets that stream information to your home screen, like news or weather.
- Reduce display brightness: Touch Menu > **System settings** > **Display** > **Brightness** > *(dimmer setting)*.
- Reduce display timeout delay: Touch Menu > **System settings** > **Display** > **Sleep** > *(shorter setting)*.
- Remove unused online accounts that you registered ("**MANAGE ACCOUNTS**" on page 47).

WEBTOP APPLICATION

smart mobile computing

QUICK START: WEBTOP

Release your smartphone's true potential so you can get more done.

Just connect your smartphone to a Motorola Lapdock™, or to an HDTV or monitor, and you're ready to go.

The webtop application and webtop-enabled accessories (sold separately) expand your smartphone onto any full-sized HDTV or monitor. It's web browsing, email, and more with computer-like precision on a large, high-resolution screen. Add a full size USB or wireless keyboard and mouse for serious productivity.

CONNECT

The webtop application launches automatically when you connect your smartphone to a lapdock. The other webtop-enabled accessories prompt you to launch the webtop application.

- **Motorola Lapdock™ 500 Pro** includes a 14" display, full-sized keyboard, VGA output, and Ethernet connectivity.
- **Motorola Lapdock™ 100** includes a 10.1" display, keyboard, and trackpad.
- The **HD Dock** or **HD Station** connects to an HDTV or monitor, and a keyboard and mouse.Connect your favorite speakers with a 3.5mm audio jack.
- Use the **VGA Travel Adapter** to project the webtop application onto a bigger screen.
- Use the **HDMI® Cable** to connect and run the webtop application on any HDTV or monitor.

To close the webtop application, disconnect your smartphone from the accessory.

CONTROLS

In the webtop application display:

- Access all your Android applications by clicking on the Apps button ⋮⋮⋮ at the top right of the screen.
- Click on the right or left edges of the home screen to move between home screen panels.
- Click on the right and left edges of the apps screen to flip through pages of applications and widgets.

SMART TRANSITIONS FROM SMARTPHONE TO WEBTOP

When viewing a web page on your smartphone, you can switch to webtop mode to continue viewing the site on a bigger screen. In the desktop browser, click on Menu ⋮ > **Request desktop site** to see the desktop version of the web page. When you open a new tab, the browser will attempt to load the desktop version of the website (if

available). When you are finished browsing, just undock—all of your browser tabs and history go with you on the smartphone.

WEBTOP MODE SWITCH

Downloaded applications will launch in their native size by default. You can run an application at a larger size by clicking on and selecting webtop mode. The application may stop running while switching modes. Simply relaunch it.

DIGITAL LIVING

connect and enjoy

HD VIEWING

You can create your own HD videos (see "**HD VIDEOS**" on page 33) to view on your wide screen HDTV or monitor.

1 Connect a micro HDMI® cable (sold separately) from the micro HDMI port on your smartphone (see "**YOUR SMARTPHONE**" on page 2) to an HDMI port on the HDTV or monitor.

2 Adjust the viewable area on the HDTV or monitor by touching Menu > **System settings** > **Display** > **Overscan**.

MIRROR MODE

Connect your smartphone to your HDTV, monitor, or projector so you can view and interact with your smartphone on the big screen. Show off your photos, videos, and downloaded movies. Enjoy the big screen for gaming, movies, the web, and more. Just connect your smartphone to an HDTV or monitor using a micro HDMI® cable (sold separately). Everything you see on your display will appear on the big screen as well.

PHOTOS & VIDEOS

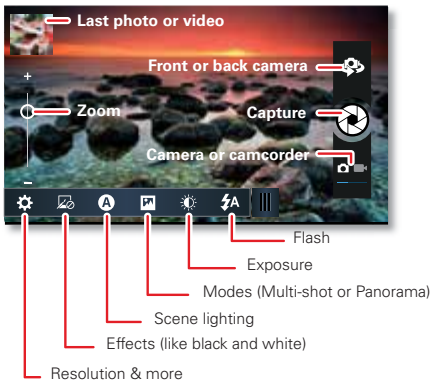
see it, capture it, share it!

PHOTOS

TAKE & SHARE PHOTOS

Find it: Apps > **Camera**

Tip: When the smartphone is locked, touch and flick to **Camera**.



Note: Photos are stored in your smartphone's internal memory, unless you switch it to a microSD memory card. Photo resolution can be set to 8MP or **Widescreen** (6MP).

Tip: Press the volume keys to zoom in and out on the viewfinder image.

- **Take a photo:** Open the camera, then touch .
- **Record a video:** Touch in the camera, then touch to start or stop recording.
- **View, share, or delete:** Touch your last photo/video in the corner of your viewfinder, or touch Apps > **Gallery** and touch a photo or video. You can choose share, delete, Menu, and more.
- **Zoom:** Press the volume keys.
- **Multi-shot:** Set the mode to **Multi-shot** to take a burst of photos with one press of the camera key.
- **Focus and flash:** To choose an off-center focus point and test the automatic flash, touch a spot in the viewfinder before you take the picture. A green square marks the focus point—touch to take the picture.
- **Take photos while shooting video:** While recording a video, touch to take a high-res still picture.
- **Memory card:** Photos and videos are stored in your phone memory unless you use an optional memory card. Then open the viewfinder and touch > **Storage Location** > **SD card**.

- **Clarify:** For the clearest photos and videos, clean the lens with a soft, dry cloth.

CAMERA SETTINGS

Drag the tab in the lower-left corner of the viewfinder screen (or touch Menu) to adjust camera settings:

Options	
Settings	• **Widescreen** (6MP or 8MP photo resolution) • **Volume Key Function** (use volume keys to zoom) • **Geo-tag** (auto location information) • **Storage Location** (smartphone or microSD memory card) • **Shutter Tone**
Effects	Set a photo effect: **Normal**, **Black and White**, **Negative**, and more.
Scenes	Set the type of photo you want to take: **Auto**, **Portrait**, **Landscape**, **Sport**, and more.
Modes	Set to **Single shot**, **Panorama**, **Multi-shot**, or **Timer**.

Options	
Exposure	Select an exposure setting.
A Flash	Set **Flash On**, **Flash Off**, or **Auto Flash**.

VIDEOS

RECORD & SHARE VIDEOS

Find it: **Camera**, then touch .

Touch to start or stop recording.

Tip: To send a video in a text message, set the video quality first: Touch to switch to the camcorder, then, touch **Modes** > **Video MMS**. After you record the video, touch its thumbnail, then touch it for sharing options.

Your smartphone stores the video, and shows a thumbnail image of the video in the corner of the screen. To see the video you just took, touch the thumbnail. Then:

- To **play** the video, touch .
- To **share** the video in a message or post it online, touch .
- To **upload** the video to an online album, touch > **Quick upload**.
- To **delete** the video, touch > **Delete**.

HD VIDEOS

You can capture HD-quality videos to watch on an HDTV or monitor.

To record an HD-quality video, be sure to select the correct **Video resolution**. From the active camcorder viewfinder screen, touch Menu > > **Video Resolution** > **HD+ (1080p)** or **High Definition (720p)**.

To enhance the video quality, touch Menu > or .

CAMCORDER SETTINGS

Drag the tab in the lower-left corner of the viewfinder screen (or touch Menu) to adjust camcorder settings:

Options	
Settings	• **Widescreen** (6MP or 8MP photo resolution) • **Video Resolution** (1080p, 720p, DVD, VGA, or QVGA) • **Volume Key Function** (use volume keys to zoom) • **Geo-tag** (auto location information) • **Video Stabilization** (reduce shakiness during video capture) • **Storage Location** (smartphone or microSD memory card) • **Shutter Tone**
Effects	Set a video effect: **Normal**, **Black and White**, **Negative**, and more.
Audio Scenes	Set sound recording options: **Stereo**, **Wind Reduction**, **Concert**, **Balanced**, or **Front Facing**.

Options	
Modes	Set to **Normal video**, **Video Message**, or **Time Lapse**.
Exposure	Select an exposure setting.
Light	Set **Light On** or **Light Off**.

EDIT, SHARE, OR DELETE PHOTOS & VIDEOS

Find it: Apps > **Gallery**

- **View, share, or delete:** Touch a thumbnail to open it, then choose share, delete, Menu, and more.

  Tip: To select multiple files, open a folder, touch and hold a photo, then touch others.

- **Zoom:** Open a photo, then drag two fingers apart or together on the screen.

  Tip: Turn the phone sideways for a widescreen view.

- **Wallpaper or contact photo:** Open a picture, then touch Menu > **Set picture as**.
- **Edit:** Open a picture, then touch Menu > **Edit**.
- **Slideshow:** Open a folder, then touch at the top. To stop the slideshow, touch the display or Back.

  Tip: To show the slideshow on a television or other device, see "" on page 13.

To copy photos to/from a computer, go to "**MEMORY CARD & FILE MANAGEMENT**" on page 46.

SCREEN CAPTURE

Sometimes a picture speaks louder than words. Share a screen capture of your favorite playlist, or your new high score. Forward a screen capture of a friend's contact information. If you can see it on your smartphone, you can share it with your friends.

To capture your phone's screen image, press and hold both the Power key and down volume key for three seconds, or until you hear the camera shutter click.

To see the screen image, touch Apps > **My Gallery** > **My library**.

MOVIES & TV ON GOOGLE PLAY™

Find and rent movies to watch on your tablet or computer:

Find it: Apps > **Play Movies & TV**

To shop, rent, or watch on a computer, go to www.google.com/play and choose "Movies & TV."

YOUTUBE™

Share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

Find it: Apps > **YouTube**

Note: If you want a YouTube account, go to www.youtube.com. To create an account or sign in, touch **ACCOUNT**.

MUSIC ON GOOGLE PLAY™

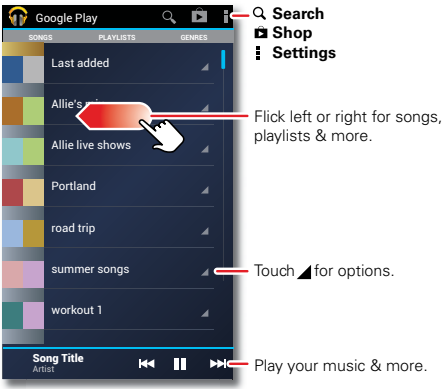
when life needs a soundtrack

QUICK START: MUSIC

Music everywhere—stream it, buy it, save it, play it. Listen and create playlists anytime.

Find it: Apps > **Play Music**

To access your Google Play Music with a computer, visit www.google.com/music.



TIPS & TRICKS

- **Go back:** When you open a song or artist list, touch in the top left to go back.
- **Shuffle or repeat:** During a song, touch to show shuffle and repeat at the bottom. Touch once to repeat the current song list, or twice to repeat only the current song.
- **Volume:** Press the volume keys.
- **Hide the music player:** To use another app while your music plays, touch Home . To return to the music player, flick down the status bar and touch the song title.
- **Home screen:** Control music playback from the home screen by adding the **Google Play Music** widget.
- **Shop:** Touch to shop for more music.
- **Playlists:** Touch and hold a song in your library to add it to a playlist or show other options. To edit, delete and rename a playlist, touch and hold its name in the music library.
- **During a flight:** Press and hold the Power key > **Airplane mode** to turn off all your network and wireless connections and listen to music during a flight.
- **File types:** Your phone can play MP3, M4A, AAC, AAC+, MIDI, and WAV files.

Note: Copyright—do you have the right? Always follow the rules. See "Content Copyright" in your legal and safety information.

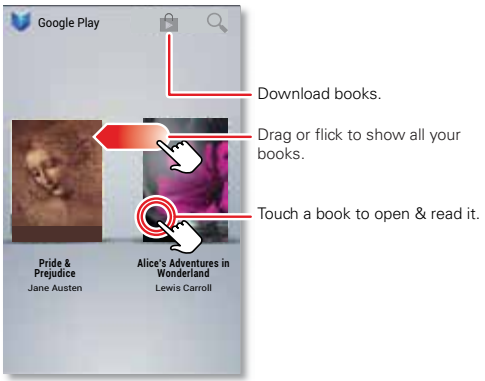
BOOKS ON GOOGLE PLAY™

even thick books fit

QUICK START: BOOKS

Read your favorite books, magazines, and newspapers when and where you want.

Find it: Apps > **Play Books**



- **Open:** Flick left and right to see more books in your library. To open a book, touch it.
- **Read offline:** To store books for reading when you're not connected, touch Menu > **Make available offline**, choose the books, then touch ✓.
- **Turn pages:** While reading the book, turn the pages by flicking them.
- **Recent page:** When you open book, it shows the last page you were reading.
- **Table of contents:** Touch a book page, then touch Menu to open its table of contents or your book display options.
- **Close:** To return to your book list, touch in the top left.
- **Shop:** To shop for books, touch Apps > **Play Books**, then in the top right.

  Browse by category, or touch and search for a title or author. Touch a book to show details. Then, touch the book's price to buy it (or touch **OPEN** to open a free book). After you confirm a purchase, the book is added to your library.
- **Magazines:** Touch Apps > **Play Magazines**.

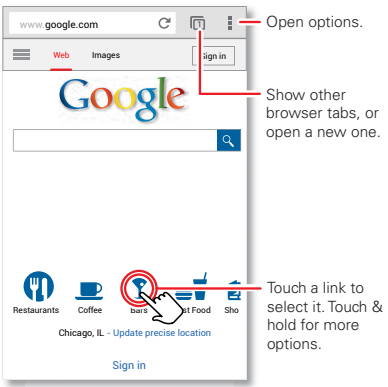
BROWSE

explore & find

QUICK START: CHROME™

Find it: Apps > **Chrome**

- **Go to a webpage:** Touch the address bar at the top of a page and enter an address.
- **Add or open bookmarks:** Open the address bar (flick down if you don't see it), then touch Menu > ★ or **Bookmarks**.



TIPS & TRICKS

- **Home screen shortcut:** In your home screen, touch the Google search widget at the top and enter a website address.

  Note: If you can't connect, contact your service provider.
- **Mobile sites:** Some websites automatically show you a "mobile" version of their page. If you want to see the standard computer versions of all websites, touch Menu > **Request desktop site**.
- **Reload:** If a page doesn't load correctly, try touch ↻.
- **Clear history:** In the browser, touch Menu > **Settings** > **Privacy** > **Clear browsing data**. Then choose history, cache, cookies, and other options.
- **Help:** For more about Google Chrome, visit www.support.google.com/chrome.

WEB CONNECTION

To access the web, your phone uses your Wi-Fi network (or your mobile phone network if no Wi-Fi network is connected).

To connect to a Wi-Fi network, see "**WI-FI NETWORKS**" on page 44.

BOOKMARKS

To bookmark a page in your browser, touch Menu > ★.

To go to a bookmark, touch Menu > **Bookmarks**, then touch the bookmark.

DOWNLOADS

Warning: Apps downloaded from the web can be from unknown sources. To protect your phone and personal data, only download apps from sources you trust, like "**MISSED CALL**" on page 13.

To download a file, picture, or webpage, touch **Chrome** and go to the website, and then:

- **Files:** Touch the download link. To show the file or app, touch Apps > **Downloads**.
- **Pictures:** Touch and hold it to choose **Save image**. To show the picture, touch Apps > **Gallery** > **Download**.

To download apps or phone updates, see "**APPS & UPDATES**" on page 14.

BROWSER OPTIONS

To change your browser security settings, text size, and other options, touch Menu > **Settings**.

SAFE SURFING & SEARCHING

Keep track of what your browser and searches show:

- **Browse incognito:** To open a tab that won't appear in your browser or search history, touch **Chrome** > > Menu > **New incognito tab**.
- **Browser history, cache, and passwords:** To clear your browser history and other saved information, touch **Chrome** > Menu > **Settings** > **Privacy**.
- **Automatic form completion:** When you enter your name in an online form, your browser can automatically enter your address information. If you don't want that, touch **Chrome** > Menu > **Settings** > **Auto-fill forms**.
- **Browser pop-ups:** To stop pop-up windows from opening, touch **Chrome** > Menu > **Settings** > **Advanced** > **Block pop-ups**.
- **Voice search:** Touch , then touch to open options.

PERSONALIZE

add your personal touch

WIDGETS, WALLPAPER, & MORE

WIDGETS

Fill your home screen with widgets—make it yours.

Touch Apps > **WIDGETS**, touch and hold a widget, then drag it to a spot on the home screen panels.

Tip: Flick left to see more widgets.

You can customize some widgets. Touch a widget to open it, then touch Menu.

WALLPAPER

To apply a new wallpaper, touch and hold an empty spot on your home screen, then choose a wallpaper image from **Gallery**, **Live Wallpapers**, or **Wallpapers**.

DISPLAY SETTINGS

- To set display brightness, touch Menu > **System settings** > **Display** > **Brightness**.
- To set orientation, touch Menu > **System settings** > **Display** > **Auto-rotate screen**.
- To set the font size for menus and settings, touch Menu > **System settings** > **Display** > **Font size**.

SHORTCUTS

To add app shortcuts to the home screen, touch Apps, touch and hold an app, then drag it to a spot on the home screen panels.

Tip: To change a shortcut in the favorites tray at the bottom of the home screen, touch and hold a shortcut, then drag it in or out of the favorites tray.

RINGTONES & SOUNDS

- To choose ringtones, touch Menu > **System settings** > **Sound** > **Phone ringtone** or **Default notification**.

  Note: To choose from thousands more songs, visit verizonwireless.com/ringtones.
- To make your smartphone ring *and* vibrate, touch Menu > **System settings** > **Sound** > **Vibrate when ringing**.
- To set volume for ringtones, media, and alarms, touch Menu > **System settings** > **Sound** > **Volumes**.
- To play dial pad tones, touch Menu > **System settings** > **Sound** > **Dial pad touch tones**.
- To play sounds for screen selections, touch Menu > **System settings** > **Sound** > **Touch sounds**.

DATE & TIME

Set date, time, time zone, and formats:

Find it: Menu > **System settings** > **Date & time**

LANGUAGE & REGION

Set your menu language and region:

Find it: Menu > **System settings** > **Language & input** > **Language**

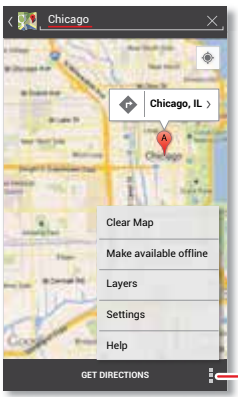
LOCATE & NAVIGATE

where you are, where you're going

QUICK START: LOCATE & NAVIGATE

Find an address, find a place, see what's close by, get directions or full navigation, and so much more—all with the Google Maps™ you know and love.

Find it: Apps > **Maps**



See options, settings, & more.

TIPS & TRICKS

- **Find an address:** Enter the address in the search box at the top. The map moves to show the address.
- **Get directions:** Find an address on the map, touch it, then touch .
- **Save an address:** Touch the address, then touch the star by its name. To show your starred places, touch **Maps** and choose **My Places**. Touch a star to remove it.
- **Zoom:** To zoom in or out, drag two fingers together or apart on the screen.
- **Turn and tilt:** Rotate two fingers on map to turn it or drag down/up to tilt.
- **Send your location:** To tell others where you are, touch your location on the map, touch the **My Location** bubble, then choose **Send location to others**.
- **Find nearby businesses or attractions:** Touch at the bottom.
- **Identify address:** Touch and hold a spot on the map to show the nearest address.
- **Get map help:** Touch Menu > **Help**.

GOOGLE+ LOCAL™

Google+ Local lets you find the restaurants, cafes, bars, and attractions that are close to you:

Find it: Apps > **Local**

Tip: In **Maps**, just touch at the bottom.

GOOGLE MAPS™ WITH NAVIGATION BETA

Get spoken turn-by-turn directions to the destination you specify.

Find it: Apps > **Navigation**

Speak, type, or select your destination. **Navigation** shows a map and starts telling you directions.

Tip: To add to your **STARRED** places, open Google Maps™, find an address, then touch the ☆ next to it.

To exit navigation or see other options, touch at the bottom. Touch to show gas stations and other points along the way.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

For more, go to www.google.com/mobile/navigation.

GOOGLE LATITUDE™

Google Latitude lets you see where your friends and family are on Google Maps™. Plan to meet up, check that

they got home safely, or just stay in touch. Don't worry, your location is not shared unless you agree to it. After you join Google Latitude, you can invite your friends to view your location, or accept their invitations.

To join Google Latitude, touch Apps > **Maps**, touch **Maps** at the top, then choose **Join Latitude**.

To use Google Latitude after you join, touch Apps > **Latitude**:

- To **add** friends, touch .

  Touch **Select from Contacts** or **Add via email address**. Your friend will receive an email notice.

- To **remove** friends, touch next to their name.

- To **share** your location when you receive a request, you can choose **Accept and share back** (show your location and see theirs), **Accept, but hide my location** (hide your location, but see theirs), or **Don't accept** (hide both locations).

- To **hide** your location, touch Menu > **Location Settings** > **Location reporting** > **Do not update your location**.

- To **sign out**, touch Menu > **Location Settings** > **Sign out of Latitude**.

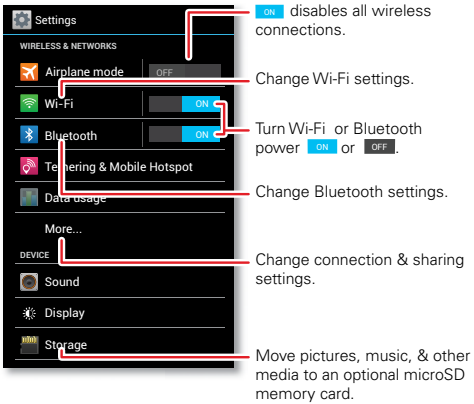
CONNECT & TRANSFER

wired up or wireless

QUICK START: CONNECT & TRANSFER

Connect accessories, computers, networks, and more.

Find it: Apps > **Settings**



TIPS & TRICKS

- **Bluetooth™ devices:** To connect a Bluetooth headset, keypad, or other device, touch **Bluetooth**.
- **Wi-Fi networks:** To connect, touch **Wi-Fi**.
- **Wi-Fi hotspot:** To make your phone a hotspot, touch **Tethering & Mobile Hotspot**, then check **Mobile Hotspot**. You can change hotspot security.
- **USB cable:** Your phone's micro USB port lets you exchange media and other files with a connected computer. To change the type of USB connection, touch Apps > **Settings** > **Storage** > Menu > **USB computer connection**.
- **Automatic connections:** When Bluetooth® or Wi-Fi power is ON, your phone automatically reconnects to available devices or networks it has used before.

WI-FI NETWORKS

TURN WI-FI POWER ON/OFF

Find it: Apps > **Settings**, then touch the **Wi-Fi** switch to turn it ON.

Note: To extend battery life, turn Wi-Fi OFF when you're not using it.

CONNECT TO NETWORKS

To find networks in your range:

1 Touch Apps > **Settings** > **Wi-Fi**.

Tip: To see your phone's MAC address and Wi-Fi settings, touch Menu > **Advanced**.

2 Make sure the switch at the top is ON, then touch **SCAN**.

3 Touch a found network to connect it (if necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**).

When your phone connects, the Wi-Fi status indicator appears in the status bar.

Note: If you see a question mark in the Wi-Fi status indicator, pull down the status bar, touch the network, and enter the network's password.

Tip: When Wi-Fi power is on, your phone automatically reconnects to available networks it has used before

MANAGE NETWORKS

To remove a network, touch it in the list, then touch **Forget**.

To manage your networks, touch Apps > **Settings** > **Wi-Fi**, turn Wi-Fi power on, then touch Menu > **Manage Networks**.

WI-FI HOTSPOT

Your can make your phone a Wi-Fi hotspot to provide portable, convenient internet access to other Wi-Fi enabled devices.

Note: Keep it secure. To protect your phone and hotspot from unauthorized access, it is strongly recommended that you set up hotspot security (WPA2 is the most secure), including password.

Find it: Apps > **Settings** > **Tethering & Mobile Hotspot** and check **Mobile Hotspot**.

1 Your phone turns off **Wi-Fi** power and uses the mobile network for Internet access. Touch **Mobile Hotspot Settings** > **Configure Mobile Hotspot** to set up security:

- **SSID**—Enter a unique name for your hotspot.
- **Security**—Select the type of security you want: **Open** or **WPA2**. For **WPA2**, enter a unique password that others will need to access your Wi-Fi hotspot.

  Note: WPA2 is recommended by IEEE.
- **Channel**—If you notice interference after your hotspot has been active for a while, try different channels.

2 Touch **Save** when the settings are complete.

When **Mobile Hotspot** is active, other Wi-Fi enabled devices can connect by entering your hotspot's **SSID**, selecting a **Security** type, and entering the correct **Wireless password**.

WI-FI MODES

For those who like to get a bit more technical, your phone supports the following Wi-Fi modes: 802.11a, b, g, n.

BLUETOOTH® WIRELESS

TURN BLUETOOTH POWER ON/OFF

Find it: Apps > **Settings**, then touch the **Bluetooth** switch to turn it ON

Tip: To extend battery life or stop connections, turn the Bluetooth them OFF when you're not using it.

CONNECT DEVICES

The **first time** you connect a device, follow these steps:

1 Make sure the device you are pairing with is in discoverable mode (for details, refer to the guide that came with the device).

2 Touch Apps > **Settings** > **Bluetooth**.

3 Make sure the switch at the top is ON, then touch **SEARCH FOR DEVICES**.

4 Touch a found device to connect it (if necessary, touch **Pair** or enter a passkey like **0000**).

Tip: Touch ⚙ next to a device to rename it.

When the device connects, the Bluetooth status indicator turns blue .

To automatically **disconnect** or **reconnect** a device anytime, just turn it off or on.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

MANAGE DEVICES

To manually reconnect your phone with a paired device, touch the device name in the **AVAILABLE DEVICES** list.

To manually disconnect your phone from a paired device, touch the device name in the devices list, then touch **OK**.

To remove a paired device, touch ⚙ the next to the device name in the **PAIRED DEVICES** list, then touch **Unpair**.

Touch Apps > **Settings** > **Bluetooth**, turn Bluetooth power on, then touch Menu > **Rename phone**. Enter a name and touch **OK**.

LET DEVICES FIND YOUR PHONE

To let a Bluetooth device discover your phone:

1 Touch Apps > **Settings** > **Bluetooth**.

2 Touch **Only visible to paired devices** to make your phone visible to all devices for two minutes.

TRANSFER FILES

- **Photos or videos:** Open the photo or video, then touch > **Bluetooth**.
- **People:** Touch **People** > Menu > **Share contacts**, check what you want to share (you can choose **Unselect all**), then touch **OK** > **Bluetooth**.

MEMORY CARD & FILE MANAGEMENT

Your photos, videos, and other files are automatically stored in your smartphone's internal memory. You can set individual applications (camera, camcorder, etc.) to store files on a microSD memory card. To install a microSD card, go to "**ASSEMBLE & CHARGE**" on page 3.

Tip: To move media from internal memory to a microSD card, touch Menu > **System settings** > **Storage** > **Manage internal storage**.

DELETE OR SHARE FILES ON YOUR SMARTPHONE

Find it: Apps > **Files** > **Device storage** or **SD card**

Touch a file or folder to open, then touch and hold a file to open icons for options at the bottom (touch and hold an icon to see its label).

REMOVE OR ERASE A MICROSD CARD

Note: Do not remove a microSD card while your smartphone is using it or writing files on it.

Before you remove or erase a microSD card you need to unmount it. Touch Menu > **System settings** > **Storage** > **Unmount SD card**.

To erase a microSD card, touch Menu > **System settings** > **Storage** > **Erase SD card**.

Warning: All data on the microSD card will be deleted.

USB CONNECTION

You can connect your smartphone to a computer with a USB cable.

Note: The first time you use a USB connection, your computer may indicate that drivers are being installed. Follow any prompts you see to complete the installation. This may take a few minutes.

1 With the home screen showing, connect a Motorola micro USB data cable from your smartphone's micro USB port to a USB port on your computer. Your smartphone should show in the status bar.

Note: Make sure to connect the smartphone to a high power USB port. Typically, these are located directly on your computer.

2 Your smartphone and microSD memory card appear as two separate removable disks on your computer.

Drag and drop files between your computer and the smartphone or microSD card folders. When you're done, use "Safely Remove Hardware" before disconnecting the USB cable.

Note: You can't use files on the microSD card while your smartphone is connected to the computer.

MANAGE ACCOUNTS

To **add** email, social networking, or online media accounts on your smartphone, touch Menu > **System settings** > **Accounts** > **ADD ACCOUNT**.

Add an account by touching it. Enter your user name and password, then follow the prompts to set up the account.

To **edit** an account, touch *account name* > **Account settings**.

To **delete** an account, touch *account name* > Menu > **Remove account**.

Note: You can't delete the Backup Assistant℠ Plus account you used or created when you set up your smartphone.

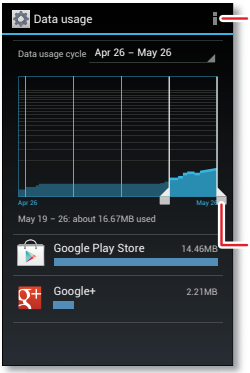
DATA USE

You can track the amount of data uploaded and downloaded by your phone.

Note: Usage information is provided to help you manage your phone. This may not match the amounts charged by your service provider, as they're not measured in the same way.

Find it: Apps > **Settings** > **Data usage**

Your phone shows a data usage graph, followed by a list of the apps that are running, from highest data usage down to least. Touch an app to open its details. Apps that use a lot of data might also use a lot of battery power.


Data usage
Data usage cycle Apr 26 – May 26
Apr 26
May 26
May 19 – 26: about 16.67MB used
Google Play Store 14.46MB
Google+ 2.21MB
View hotspots or turn off auto-sync for data.
Drag white bars to change date ranges.

The data usage screen shows information and settings for data transferred over your service provider's mobile network.

WORK

get it done anytime

CORPORATE SYNC

If you use Microsoft™ Office Outlook on your work computer, your phone can synchronize emails, events, and contacts with your Microsoft Exchange server.

- To add your **Corporate** account, see "**EMAIL**" on page 23.
- To choose what to sync from your **Corporate** account, touch Apps > **Settings** > **Accounts**, touch your account, then choose options like **Calendar**, **Contacts**, or **Email**.

QUICKOFFICE

Use **Quickoffice** to view and edit files on your memory card (optional).

Find it: Apps > **Quickoffice**

Touch a file or folder to open, or touch and hold a file for options. You can edit most text or spreadsheet files:

- Place your cursor by touching the text.
- Select text by double-tapping it.
- Open a keyboard, choose formatting, save the file, or choose other options by touching Menu.

CLOCK

Find it: Apps > **Clock** > **Set alarm**

- **Alarm:** Touch an alarm to edit it, or touch + to add a new alarm.

  When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay for ten minutes.
- **Settings:** To change your alarm sound, snooze delay, or other settings, touch Menu > **Settings**.

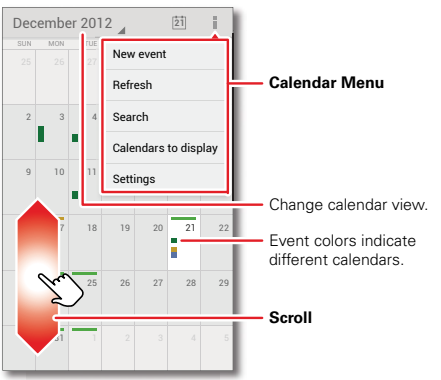
Tip: To set your date, time, time zone, and formats, touch Apps > **Settings** > **Date & time**.

CALENDAR

Show events stored on your phone and in your online calendars, all together in one place.

Find it: Apps > Calendar

- **Change the view:** Touch the date at the top left to choose **Day**, **Week**, **Month**, or **Agenda**.
- **Add events:** From any view, touch Menu > **New event**, enter event details, then touch **DONE**.
- **Show, edit, or delete events:** Touch an event to open it, then touch edit or delete.



- **Show, hide, or add calendars:** Touch Menu > **Calendars to display** to show or hide calendars from your Google account. You can use a computer to add or remove calendars on your Google account at www.google.com/calendar.

Tip: Add a **Calendar** widget to your home screen. Touch Apps > **WIDGETS**, then touch and hold the **Calendar** widget to add it to you home screen.

ACCESSIBILITY

See, hear, speak, feel, and use. Accessibility features are there for everyone, helping to make things easier.

Note: For general information, accessories, and more, visit www.motorola.com/accessibility

VOICE RECOGNITION

Use your voice—just touch and speak.

- **Dialing and commands:** Touch Apps > **Voice Commands**. To dial, say "**Call**" and then a contact name or phone number. Or, say a command from the list shown, like "**Send Message**" or "**Go To**".
- **Search:** Touch and hold Search to open Google Now, touch , and then say what you want to search for, like "Motorola accessories".
- **Text entry:** Touch a text entry field to open the touchscreen keypad. Touch , then say what you want to type.

Tip: Speak naturally, but clearly. Use the microphone in a similar way to a speakerphone, so no need to shout or hold the smartphone close to your mouth.

To change your voice settings, see "**VOICE SETTINGS**" on page 52.

TALKBACK

Use TalkBack to read out loud—your navigation, your selections, even your books.

To turn on TalkBack, touch Menu > **System settings** > **Accessibility** > **TalkBack**, then touch the power switch to turn it ON.

Note: You might need to download text-to-speech software (data charges may apply).

To use TalkBack:

- **Menus and screens:** Touch an item in a menu or screen. Your smartphone speaks the name.
- **Dialer & text entry:** Start typing. Your smartphone speaks each number or letter.
- **Notifications:** Drag the status bar down. Your smartphone speaks all of the notifications.
- **Books & more:** Open a book, file, message, and more. Your smartphone reads the text out loud (app dependent).

Tip: Navigate through your apps and menus to hear how voice readouts work on your smartphone.

EXPLORE BY TOUCH

Use Explore by Touch to expand TalkBack, and have your touches read out loud as you move your finger around the screen.

To turn on Explore by Touch when TalkBack is active, touch Menu > **System settings** > **Accessibility** > **TalkBack** > **Settings** > **Explore by touch**.

Tip: When you turn on TalkBack for the first time, your smartphone asks if you want to **Enable Explore by Touch?** Tap **OK** to turn it on.

Explore by Touch changes your smartphone's touch gestures so the location of your touches can be read out loud.

- Touch something on the screen to hear a description or text readout.
- Double-tap anywhere on the screen to open or activate the last touched item.
- Swipe using two fingers to scroll through lists or between screens.

To learn more about navigating your smartphone with Explore by Touch, touch Menu > **System settings** > **Accessibility** > **TalkBack** > **Settings** > **Launch "Explore by touch" tutorial**.

To turn off Explore by Touch when TalkBack is active, touch Menu > **System settings** > **Accessibility** > **TalkBack** > **Settings**, and uncheck **Explore by touch**.

CALLER ID

When you want to **hear** who's calling:

- **Read out loud:** Have your caller announced—touch **Phone** > Menu > **Settings** > **Caller ID Readout**.
- **Ringtones:** Assign a unique ringtone to a contact—touch **People**, touch a contact, then touch Menu > **Set ringtone**.

VOICE SETTINGS

Personalize your voice settings:

- **Voice search:** Touch Menu > **System settings** > **Language & input** > **Voice Search**. From here, you can set options like language, personalized voice recognition, and censorship.
- **Voice typing:** Touch Menu > **System settings** > **Language & input**, then touch next to **Google voice typing**. From here, you can select input language and block offensive words.
- **Text-to-speech:** Touch Menu > **System settings** > **Language & input** > **Text-to-speech output**. From here, you can set speed options and listen to a spoken text example.

VOLUME & VIBRATE

Choose volume and vibrate settings that work for you. Touch Menu > **System settings** > **Sound**:

- **Volume:** Touch **Volumes** and use the sliders.
- **Vibrate:** Touch **Vibrate when ringing** to feel your smartphone ring.

ZOOM

Get a closer look. To zoom in, touch the screen with two fingers and then slide them apart. To zoom out, slide your fingers together.

DISPLAY BRIGHTNESS

Set a brightness level that works for you. Touch Menu > **System settings** > **Display** > **Brightness** > **Adjust brightness level**. Make sure that **Display power saver** is unchecked so you can set your own level.

TOUCHSCREEN & KEYS

All these touch features are great, and sometimes it's nice to hear or feel your touches too. Touch Menu > **System settings** > **Sound**:

- **Touchscreen:** To hear screen touches (click), select **Touch sounds**.
- **Keys:** To feel key touches (vibrate), select **Vibrate on touch**.
- **Screen lock:** To hear when you lock/unlock the screen (click), select **Screen lock sound**.

MESSAGES

From a simple text message to IM, email, and more. Create, send, and receive them all on your smartphone.

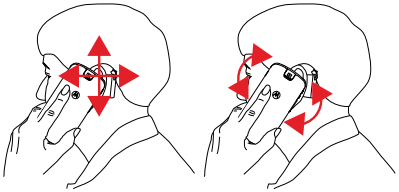
And to make text entry even easier, you can use features like auto-correct, auto-punctuate, and auto-capitalization—touch Menu > **System settings** > **Language & input**, then touch next to **Android keyboard**. Of course if you don't want to type at all, then use your voice—touch on the touchscreen keypad.

HEARING AIDS

To help get a clear sound when using a hearing aid or cochlear implant, your smartphone may have been rated for use with hearing aids. If your smartphone's box has "Rated for Hearing Aids" printed on it, then please read the following guidance.

Note: Ratings are not a guarantee of compatibility. See "Hearing Aid Compatibility with Mobile Phones" in your legal and safety information. You may also want to consult your hearing health professional, who should be able to help you get the best results.

- **Settings:** Touch **Phone** > Menu > **Settings** > **Hearing aids** to turn hearing aid compatibility mode on or off. This mode optimizes your smartphone for use with a hearing aid.
- **Call volume:** During a call, press the side volume keys to set a call volume that works for you.
- **Position:** During a call, hold the smartphone to your ear as normal, and then rotate/move it to get the best position for speaking and listening.



TTY

You can use your smartphone in TTY mode with standard teletype machines. Touch **Phone** > Menu > **Settings** > **TTY mode** and select the mode you need:

- **TTY Full**: Type and read text on your TTY device.
- **TTY HCO**: Hearing-Carry-Over—type text on your TTY device and listen to voice replies on your smartphone's speaker.
- **TTY VCO**: Voice-Carry-Over—speak into your smartphone and read text replies on your TTY device.

Note: You'll need a cable/adapter to connect your TTY device to the headset jack on your smartphone.

Refer to your TTY device guide for mode and usage information.

APPS

Want more? No problem. Google Play provides access to hundreds of thousands of apps, and many provide useful accessibility features.

Find it: Apps > **Play Store**

Select a category or touch Search to find the app you want.

Tip: Choose your apps carefully, from trusted sites, like **Play Store**, as some may impact your smartphone's performance.

PROTECT

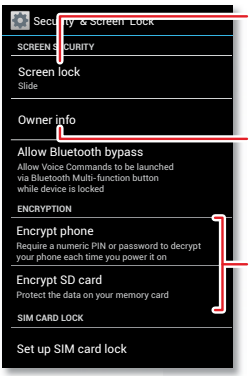
help keep it safe

QUICK START: PROTECT

Make sure your information is protected, in case your phone is lost or stolen.

Find it: Apps > **Settings** > **Security & Screen Lock**

The easiest way to protect your phone is to use **Screen lock**. You can choose facial recognition, a pattern, or a PIN to unlock your phone.


SCREEN SECURITY
Screen lock
Slide
Owner info
Allow Bluetooth bypass
Allow Voice Commands to be launched via Bluetooth Multi-function button while device is locked
ENCRYPTION
Encrypt phone
Require a numeric PIN or password to decrypt your phone each time you power it on
Encrypt SD card
Protect the data on your memory card
SIM CARD LOCK
Set up SIM card lock

Change your screen lock to use a slide, facial recognition, a pattern, PIN, password, or no lock.

Your info can show on the lock screen.

Encrypt the data stored on your phone or memory card.

TIPS & TRICKS

- **Face unlock:** Unlock your phone by looking at it! Touch Apps > **Settings** > **Security & Screen Lock** > **Screen lock** > **Face Unlock** and follow the prompts.
- **Forgotten pattern:** If you enter the wrong unlock **Pattern** five times, your device shows a **Forgot pattern?** option that lets you enter your Google™ account email and password to unlock your device.
- **Forgotten password:** You will need to reset your phone (see "**RESET**" on page 56).

SCREEN LOCK

To keep your phone secure, you can make the touchscreen lock when it goes to sleep.

Find it: Apps > **Settings** > **Security & Screen Lock** > **Screen lock**, then select the lock type:

- **None**: turn off the screen lock.
- **Slide**: flick to the right to unlock.
- **Face Unlock**: look at your phone to unlock it.

  Follow the prompts to capture your face and enter a PIN or password (for backup or to change the lock setting). When the screen is dark, press the Power key, then frame your face in the square at the bottom to unlock.

  Note: This feature is less secure than a pattern, PIN, or password.
- **Pattern**: draw a pattern to unlock.
- **PIN**: enter four to sixteen digits to unlock.
- **Password**: enter four to sixteen letters, digits, or symbols to unlock.

To change when your touchscreen goes to sleep, see "**POWER KEY MENU**" on page 7.

Note: You can make emergency calls on a locked phone (see "**EMERGENCY CALLS**" on page 18). A locked phone still rings, **but you need to unlock it to answer**.

CAN'T UNLOCK?

Face unlock: If your phone doesn't recognize your face, you'll be prompted to enter your backup pattern or PIN code to unlock it.

Pattern, PIN, or password: If you forget your pattern, PIN, or password, contact your service provider.

SIM LOCK

Caution: If you enter an incorrect PIN code three times, your phone locks your SIM card and asks for your PIN unlock code. Contact your service provider for your PIN unlock code.

To set a SIM card PIN that you must enter when you turn on your phone:

Find it: Apps > **Settings** > **Security & Screen Lock** > **Set up SIM card lock** > **Lock SIM card**

To set your SIM PIN, enter a 4-digit code. To change your code, choose **Change SIM PIN**.

ENCRYPT YOUR PHONE

Caution: If you forget your encryption code, you cannot recover the data stored on your phone or optional memory card. Encrypting your files can take an hour or more. Leave your phone plugged in, and be careful not to interrupt the process.

Encryption protects the accounts, settings, apps, and files on your phone, so that people cannot access them if your phone is stolen.

To encrypt your phone and require a PIN or password whenever you turn on your phone:

Find it: Apps > **Settings** > **Security & Screen Lock** > **Encrypt phone**

BACKUP & RESTORE

Your Google account data is backed up online. So, if you reset or replace your phone, just log into your Google account to restore the contacts, events, and other details you synced with the account. To choose what syncs with the account, touch Apps > **Settings** > **Accounts**, touch your Google™ account, and check things to sync. Please note that text messages, call logs, and items stored on your phone will not be restored. To restore your Google Play Store apps, see "**MANAGE & RESTORE APPS**" on page 14.

TROUBLESHOOT

we're here to help

RESET

To reset your phone to factory settings and erase all the data on your phone, touch Apps > **Settings** > **Privacy** > **Factory data reset** > **Reset Phone**.

Warning: All downloaded apps and user data on your phone will be deleted. Data on your memory card will not be deleted.

CRASH RECOVERY

If you ever need to reboot your phone when the touchscreen is not responding, remove and re-insert the battery, then turn your phone back on.

SERVICE & REPAIRS

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Battery Use & Safety

The following battery use and safety information applies to all Motorola mobile devices. **If your mobile device uses a non-removable main battery** (as stated in your product information), **details related to handling and replacing your battery should be disregarded**—the battery should only be replaced by a Motorola-approved service facility, and **any attempt to remove or replace your battery, unless performed by a service representative, may damage the product and void your warranty**.

Important: Handle and store batteries properly to avoid injury or damage. Most battery safety issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't use tools, sharp objects, or excessive force to insert or remove the battery as this can damage the battery.**
- **Don't let the mobile device or battery come in contact with liquids.*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** High temperatures can cause the battery to swell, leak, or malfunction.
- **Don't dry a wet or damp battery with an appliance or heat source**, such as a hair dryer or microwave oven.

DOs

- **Do avoid leaving your mobile device in your car in high temperatures.***
- **Do avoid dropping the mobile device or battery.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged in any of the ways listed here.**

*** Note:** Always make sure that any battery, connector and compartment covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your **mobile device** can resist damage from these conditions.

Important: Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards. Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and try charging it again;
- If the message remains, contact a Motorola authorized service center.

Warning: Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: Proper battery disposal is not only important for safety, it benefits the environment. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

Warning: Never dispose of batteries in a fire because they may explode.

Battery Charging

Notes for charging your product's battery:

- During charging, keep your battery and charger near room temperature for efficient battery charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Third Party Accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void

your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

Driving Precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application while driving may cause distraction, and may be prohibited or restricted in certain areas—always obey the laws and regulations on the use of these products.

While driving, NEVER:

- Type, read, enter or review texts, emails, or any other written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a handsfree device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart Practices While Driving" at www.motorola.com/callsmart (in English only).

Seizures, Blackouts & Eyestrain

To reduce eyestrain and avoid headaches, it is always a good idea to hold the screen a comfortable distance from your eyes, use in a well-lit area, and take frequent breaks.

Some people may be susceptible to seizures or blackouts (even if they have never had one before) when exposed to flashing lights or light patterns, such as when playing video games, or watching videos with flashing-light effects.

Discontinue use and consult a physician if any of the following symptoms occur: seizures, blackout, convulsion, eye or muscle twitching, loss of awareness, or disorientation.

If you or someone in your family has experienced seizures or blackouts, please consult with your physician before using an application that produces flashing-light effects on your mobile device.

Caution About High Volume Usage

Warning: Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our website at http://direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Supervise access for older children. Similar to a computer, if an older child does use your mobile device, you may want to monitor their access to help prevent:

- Exposure to inappropriate apps or content.
- Improper use of apps or content.
- Loss of data.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Operational Warnings

Obey all posted signs when using mobile devices in public areas.

Potentially Explosive Areas

Potentially explosive areas are often, but not always, posted and can include blasting areas, fueling stations, fueling areas (such as below decks on boats), fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries, unless it is a radio product type especially qualified for use in such areas and certified as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL approved). In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
	Do not use tools.
	For indoor use only.

Symbol	Definition
	Listening at full volume to music or voice through a headset may damage your hearing.

Radio Frequency (RF) Energy

Exposure to RF Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

RF Energy Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions:

- When placing or receiving a phone call, hold your mobile device just like you would a landline phone.
- If you wear the mobile device on your body, ensure that the device is positioned at least 2.5 cm (1 inch) away from the body, and if you use an accessory case or holder, ensure it is free of any metal.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so, such as hospitals or health care facilities.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Medical Devices

If you have a medical device, including an implantable medical device such as a pacemaker or defibrillator, consult your healthcare provider and the device manufacturer's directions before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Specific Absorption Rate (FCC & IC)

YOUR MOBILE DEVICE MEETS FCC AND IC LIMITS FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) adopted by the Federal Communications Commission (FCC) and Industry Canada (IC). These limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the FCC and IC guidelines for your device model are listed below:

Head SAR	CDMA 800/1900, Wi-Fi, Bluetooth	0.88 W/kg
Body-worn SAR	CDMA 800/1900, Wi-Fi, Bluetooth	0.94 W/kg

During use, the actual SAR values for your device are usually well below the values stated. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body. Additional information can be found at www.motorola.com/rfhealth.

FCC Notice to Users

The following statement applies to all products that bear the FCC logo and/or FCC ID on the product label.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. See 47 CFR Sec. 15.105(b). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(a)(3).

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

For products that support Wi-Fi 802.11a (as defined in product information): In the United States, do not use your device outdoors while connected to an 802.11a Wi-Fi network. The FCC prohibits such outdoor use since frequencies 5.15-5.25 GHz can cause interference with Mobile Satellite Services (MSS). Public Wi-Fi access points in this range are optimized for indoor use.

Industry Canada Notice to Users

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This

device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.3. This Class B digital apparatus complies with Canadian ICES-003.

Software Notices

Warning against unlocking the bootloader or altering a product's operating system software: Motorola strongly recommends against altering a product's operating system, which includes unlocking the bootloader, rooting a device or running any operating software other than the approved versions issued by Motorola and its partners. Such alterations may permanently damage your product, cause your product to be unsafe and/or cause your product to malfunction. In such cases, neither the product nor any damage resulting therefrom will be covered by warranty.

Important FCC information: You must not make or enable any changes to the product that will impact its FCC grant of equipment authorization. The FCC grant is based on the product's emission, modulation, and transmission characteristics, including: power levels, operating frequencies and bandwidths, SAR levels, duty-cycle, transmission modes (e.g., CDMA, GSM), and intended method of using the product (e.g., how the product is held or used in proximity to the body). A change to any of these factors will invalidate the FCC grant. It is illegal to operate a transmitting product without a valid grant.

Location Services

The following information is applicable to Motorola mobile devices that provide location based functionality. Location sources can include GPS, AGPS and Wi-Fi.

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details. Your mobile device can also use *Wi-Fi* signals to determine your approximate location, using information from known and available Wi-Fi networks.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Devices enabled with location technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.

Emergency Calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic, and all other factors that may impact driving. Always obey posted road signs.

Privacy & Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Use your device's security and lock features, where available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure Personal Information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- **Applications and updates**—Choose your apps and updates carefully, and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorized access to your device.
- **Location-based information**—Mobile devices enabled with location based technologies such as GPS, AGPS or Wi-Fi, can transmit location-based information. See "Location Services" for more details.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Use & Care

To care for your Motorola mobile device, please observe the following:

liquids
Don't expose your mobile device to water, rain, extreme humidity, sweat, or other liquids.

drying
Don't try to dry your mobile device using a microwave oven, conventional oven, or dryer, as this may damage the mobile device.

extreme heat or cold
Don't store or use your mobile device in temperatures below -10°C (14°F) or above 60°C (140°F). Don't recharge your mobile device in temperatures below 0°C (32°F) or above 45°C (113°F).

dust and dirt
Don't expose your mobile device to dust, dirt, sand, food, or other inappropriate materials.

cleaning
To clean your mobile device, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.

shock and vibration
Don't drop your mobile device.

protection
To help protect your mobile device, always make sure that any battery, connector and compartment covers are closed and secure.

Recycling

Mobile Devices & Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste, or in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling

Packaging & Product Guides

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

Perchlorate Material – special handling may apply when the battery is recycled or disposed of. See www.dtsc.ca.gov/hazardouswaste/perchlorate (in English only).

There is no special handling required by consumers.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies. When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box. To maintain the published Hearing Aid Compatibility (HAC) rating for this mobile phone, use only the original equipment battery model.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Contact your service provider or Motorola for information on hearing aid compatibility. If you have questions about return or exchange policies, contact your service provider or phone retailer.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.) Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Software Copyright

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Content Copyright

The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Open Source Software Information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request

in writing to the address below. Please make sure that the request includes the model number and the software version number.
MOTOROLA MOBILITY LLC
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA
The Motorola website opensource.motorola.com (in English only) also contains information regarding Motorola's use of open source.
Motorola has created the opensource.motorola.com website to serve as a portal for interaction with the software community-at-large.
To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please go to Apps > **Settings** > **About phone** > **Legal information** > **Open source licenses**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Product Registration

Online Product Registration:
www.motorola.com/us/productregistration (in English only)
Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.
Please retain your original dated sales receipt for your records. For warranty service of your Motorola product you will need to provide a copy of your dated sales receipt to confirm warranty status.
Thank you for choosing a Motorola product.

Service & Repairs

If you have questions or need assistance, we're here to help.
Go to www.motorola.com/repair (United States) or www.motorola.com/support (Canada), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-734-5870 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

How to Obtain Service or Other Information

1. Please access and review the online Customer Support section of Motorola's consumer website prior to requesting warranty service.
2. If the Product is still not functioning properly after making use of this resource, please contact the Warrantor listed at the Motorola website or the contact information for the corresponding location.
3. A representative of Motorola, or of a Motorola Authorized Repair Center, will help determine whether your Product requires service. You may be required to download, or otherwise obtain and accept software updates from Motorola or a Motorola Authorized Repair Center. You are responsible for any applicable carrier service fees incurred while obtaining the required downloads. Complying with the warranty process, repair instructions and accepting such software updates is required in order to receive additional warranty support.
4. If the software update does not fix the problem, you will receive instructions on how to ship the Product to a Motorola Authorized Repair Center or other entity.
5. To obtain warranty service, as permitted by applicable law, you are required to include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) your address and telephone number. In the event the Product is not covered by the Motorola Limited Warranty, Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product.

To obtain service or other information, please access and review the online Customer Support section of Motorola's consumer website at www.motorola.com.

Motorola Mobility LLC Limited Global Warranty Mobile Phones

Note: This Limited Warranty is not applicable in Quebec, Canada.
FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY

ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS.

Who is Covered?

This Limited Warranty extends only to the first consumer purchaser of the Product, and is not transferable.

What Does this Limited Warranty Cover?

Motorola Mobility LLC or its subsidiaries' warranty obligations are limited to the terms and conditions set forth herein. Subject to the exclusions contained below, Motorola Mobility LLC or its subsidiaries ("Motorola") warrant this Mobile Phone, and any in-box accessories which accompany such Mobile Phone ("Product") against defects in materials and workmanship, under normal consumer use, for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser, or the period of time required by the laws of the country where the Product is purchased, whichever is longer ("Warranty Period").

Repairs made under this Limited Warranty are covered for the balance of the original Warranty Period, or 90 days from the date of service, whichever is longer. Any upgrade to the original product will be covered only for the duration of the original Warranty Period.

This Limited Warranty is only available in the country where the Product was purchased. Motorola may provide service outside the country of purchase, to the extent that it is possible and under the terms and conditions of the country of purchase.

This Limited Warranty applies only to new Products which are a) manufactured by or for Motorola as identified by the "Motorola" trademark, trade name, or logo legally affixed to them; b) purchased by consumers from an authorized reseller or distributor of Motorola Products; and c) accompanied by this written Limited Warranty.

What Will Motorola Do?

If a covered defect or damage arises and a valid warranty claim is received within the applicable Warranty Period, Motorola, at its sole option, unless otherwise required by applicable law, will either (1) repair, at no charge, the defect or damage using new, used or reconditioned/refurbished functionally equivalent replacement parts; or (2) exchange the Product with a replacement Product that is new or which has been reconditioned/refurbished or otherwise remanufactured from new or used parts and is functionally equivalent to the original Product; or (3) refund the purchase price of any Products covered by the terms and conditions of this Limited Warranty.

Products, parts and supporting documentation provided to Motorola as part of the warranty process, shall become the property of Motorola, and may not be returned. When a replacement or refund is given, the Product for which the replacement or refund is provided must be returned to Motorola and shall become the property of Motorola.

Exclusions (Products and Accessories)

This warranty does not apply to:

(a) **Consumable parts**, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all batteries, the maximum capacity of the battery will decrease with time and use; this is not a defect. Only defective batteries and batteries that leak are covered by this warranty.

(b) **Cosmetic damage**, including but not limited to scratches, dents, cracks or other cosmetic damage.

(c) **Damage caused by use with non-Motorola products.** Defects or damage that result from the use of non-Motorola branded or certified Products, accessories or other peripheral equipment, including without limitation housings, parts, or software, are excluded from coverage.

(d) **Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes**; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation), improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture; sand, food, dirt or similar substances (except for Products sold as resistant to such substances, but only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental purposes; or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

(e) **Unauthorized Service or Modification.** Defects or damage resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way, including but not limited to tampering with or altering the software, by someone other than Motorola, or its authorized service centers, are excluded from coverage. Notwithstanding the foregoing, any Product which has had its bootloader unlocked, or whose operating system has been altered, including any failed attempts to unlock the bootloader or alter such operating system, is not covered by this warranty, regardless of whether such modifications are authorized, approved, or otherwise sanctioned by Motorola.

(f) **A product or part that has been modified in any manner without the written permission of Motorola.** Products that have been altered in any manner so as to prevent Motorola from determining whether such Products are covered under the terms of this Limited Warranty are excluded from coverage. The forgoing shall include but not be limited to (i) serial numbers, date tags or other manufacturer coding that has been removed, altered or obliterated; (ii) mismatched or duplicated serial numbers; or (iii) broken seals or other evidence of tampering. Do not open the Product or attempt to repair the Product yourself; such conduct may cause damage that is not covered by this warranty.
(g) **Normal wear and tear or otherwise due to the normal aging of the Product.**
(h) **Defects, damages, or the failure of the Product due to any communication service or network you subscribe to or use with the Products.**
(i) **All software, including operating system software, third-party software, applications, and all other software of any kind.** Software distributed by Motorola is provided "AS-IS" and "AS AVAILABLE," "WITH ALL FAULTS" and without a warranty of any kind. The Limited Warranty does not apply to any non-Motorola product or any software, even if packaged or sold with the Motorola hardware, unless otherwise required by applicable local law.
(j) **Products that have been refurbished, reconditioned, or remanufactured**, except for Products repaired or replaced pursuant to the terms of this Limited Warranty.
If damage is outside the scope of warranty coverage, repair services may be available, but all costs associated with such out of warranty repair will be your responsibility.

What Other Limitations are There?

- TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY AND THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. NO ORAL OR WRITTEN REPRESENTATIONS MADE BY MOTOROLA OR ANY SELLER, RESELLER OR DISTRIBUTOR OF THE PRODUCTS, INCLUDING EMPLOYEES AND AGENTS THEREOF, SHALL CREATE ANY ADDITIONAL WARRANTY OBLIGATIONS, INCREASE THE SCOPE, OR OTHERWISE MODIFY IN ANY MANNER THE TERMS OF THIS LIMITED WARRANTY.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT AND ALL WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. WHERE SUCH STATUTORY OR IMPLIED WARRANTIES CANNOT LAWFULLY BE DISCLAIMED, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS LIMITED WARRANTY CONTAINED HEREIN AND THE REMEDIES OF REPAIR, REPLACEMENT, OR REFUND AS DETERMINED BY MOTOROLA IN ITS SOLE DISCRETION SHALL BE THE EXCLUSIVE REMEDY OF THE CONSUMER.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, MOTOROLA DOES NOT WARRANT THAT THE OPERATION OF ANY PRODUCTS OR SOFTWARE COVERED UNDER THIS LIMITED WARRANTY WILL MEET YOUR REQUIREMENTS, WORK IN COMBINATION WITH ANY HARDWARE OR SOFTWARE APPLICATIONS OR THIRD PARTY SERVICES, BE UNINTERRUPTED, ERROR-FREE, OR WITHOUT RISK TO, OR LOSS OF, ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS CONTAINED THEREIN, OR THAT DEFECTS IN THE PRODUCTS OR SOFTWARE WILL BE CORRECTED.
- TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT, TORT OR UNDER OTHER LEGAL THEORY (INCLUDING NEGLIGENCE), FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCTS, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS; LOSS OF BUSINESS; BUSINESS INTERRUPTION; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, OR CORRUPTION OF INFORMATION, DATA, SOFTWARE OR APPLICATIONS (INCLUDING ANY COSTS ASSOCIATED WITH RECOVERING, PROGRAMMING, OR REPRODUCING ANY INFORMATION, DATA, SOFTWARE OR APPLICATIONS STORED ON OR USED WITH MOTOROLA PRODUCTS, OR ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF ANY INFORMATION OR DATA STORED ON THE PRODUCTS); OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS.
- SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN IMPLIED WARRANTY, OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL INJURIES CAUSED BY NEGLIGENCE, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE OR JURISDICTION.
- **DATA BACKUP:** ALL INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS, INCLUDING BUT NOT LIMITED TO PERSONAL CONTACTS, ADDRESS BOOKS, PICTURES, MUSIC AND GAMES WILL BE ERASED DURING THE REPAIR PROCESS, AND CAN NOT BE REINSTALLED BY MOTOROLA. TO AVOID LOSING SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS PLEASE CREATE A BACK UP BEFORE YOU DELIVER YOUR PRODUCT FOR WARRANTY SERVICE, REMOVE ANY CONFIDENTIAL, PROPRIETARY OR PERSONAL INFORMATION AND DISABLE ANY SECURITY PASSWORDS. YOU WILL BE RESPONSIBLE FOR REINSTALLING ALL SUCH INFORMATION, DATA, SOFTWARE, OTHER APPLICATIONS AND PASSWORDS. MOTOROLA AND/OR ITS AUTHORIZED SERVICE

CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OR MISUSE OF ANY DATA, FILES, CONTENT, APPLICATIONS AND PROGRAMS WHEN THE PRODUCT IS DELIVERED FOR WARRANTY SERVICE. YOUR PRODUCT OR A REPLACEMENT PRODUCT WILL BE RETURNED TO YOU AS YOUR PRODUCT WAS CONFIGURED WHEN ORIGINALLY PURCHASED, SUBJECT TO APPLICABLE SOFTWARE UPDATES. MOTOROLA MAY INSTALL OPERATING SYSTEM SOFTWARE UPDATES AS PART OF WARRANTY SERVICE THAT MAY PREVENT THE PRODUCT FROM REVERTING TO AN EARLIER VERSION OF THE OPERATING SYSTEM SOFTWARE. THIRD PARTY APPLICATIONS INSTALLED ON THE PRODUCT MAY NOT BE COMPATIBLE OR WORK WITH THE PRODUCT AS A RESULT OF THE OPERATING SYSTEM SOFTWARE UPDATE. MOTOROLA AND ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OF, OR INABILITY TO USE, SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS.

- **WARNING AGAINST UNLOCKING THE BOOTLOADER OR ALTERING A PRODUCT'S OPERATING SYSTEM SOFTWARE:** MOTOROLA STRONGLY RECOMMENDS AGAINST ALTERING A PRODUCT'S OPERATING SYSTEM, WHICH INCLUDES UNLOCKING THE BOOTLOADER, ROOTING A DEVICE OR RUNNING ANY OPERATING SOFTWARE OTHER THAN THE APPROVED VERSIONS ISSUED BY MOTOROLA AND ITS PARTNERS. SUCH ALTERATIONS MAY PERMANENTLY DAMAGE YOUR PRODUCT, CAUSE YOUR PRODUCT TO BE UNSAFE AND/OR CAUSE YOUR PRODUCT TO MALFUNCTION. IN SUCH CASES, NEITHER THE PRODUCT NOR ANY DAMAGE RESULTING THEREFROM WILL BE COVERED BY THIS WARRANTY.
- **IMPORTANT FCC INFORMATION:** YOU MUST NOT MAKE OR ENABLE ANY CHANGES TO THE PRODUCT THAT WILL IMPACT ITS FCC GRANT OF EQUIPMENT AUTHORIZATION. THE FCC GRANT IS BASED ON THE PRODUCT'S EMISSION, MODULATION, AND TRANSMISSION CHARACTERISTICS, INCLUDING: POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DUTY-CYCLE, TRANSMISSION MODES (E.G., CDMA, GSM), AND INTENDED METHOD OF USING THE PRODUCT (E.G., HOW THE PRODUCT IS HELD OR USED IN PROXIMITY TO THE BODY). A CHANGE TO ANY OF THESE FACTORS WILL INVALIDATE THE FCC GRANT. IT IS ILLEGAL TO OPERATE A TRANSMITTING PRODUCT WITHOUT A VALID GRANT.

Copyright & Trademarks

Motorola Mobility LLC
Consumer Advocacy Office
600 N US Hwy 45
Libertyville, IL 60048
www.motorola.com

Note: Do not ship your product to the above address. If you need to return your product for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-734-5870 (United States)
1-888-390-6456 (TTY/TDD United States for hearing impaired)
1-800-461-4575 (Canada)

Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider for details.

All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

Note: The images in this guide are examples only.

MOTOROLA and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC. Android, Google and other trademarks are owned by Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License. DROID is a trademark of Lucasfilm Ltd. and its related companies. Used under license. All other product or service names are the property of their respective owners.
© 2013 Motorola Mobility LLC. All rights reserved.

Caution: Motorola does not take responsibility for changes/modification to the transceiver.

Product ID: DROID BIONIC by MOTOROLA (Model XT875)
Manual Number: 68017431001-A

BC